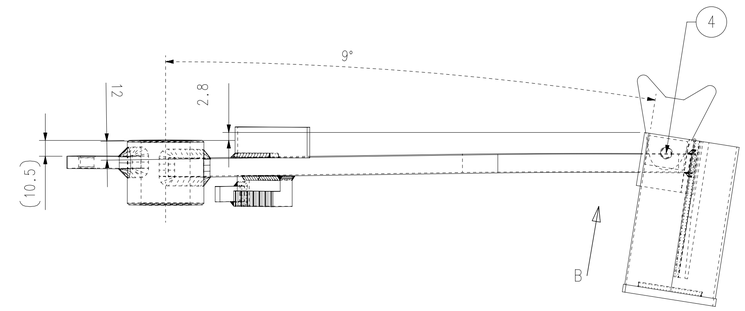
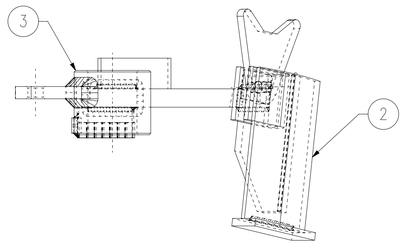
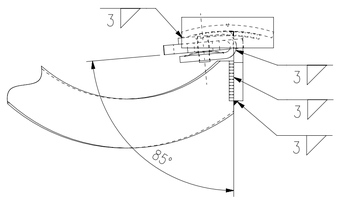
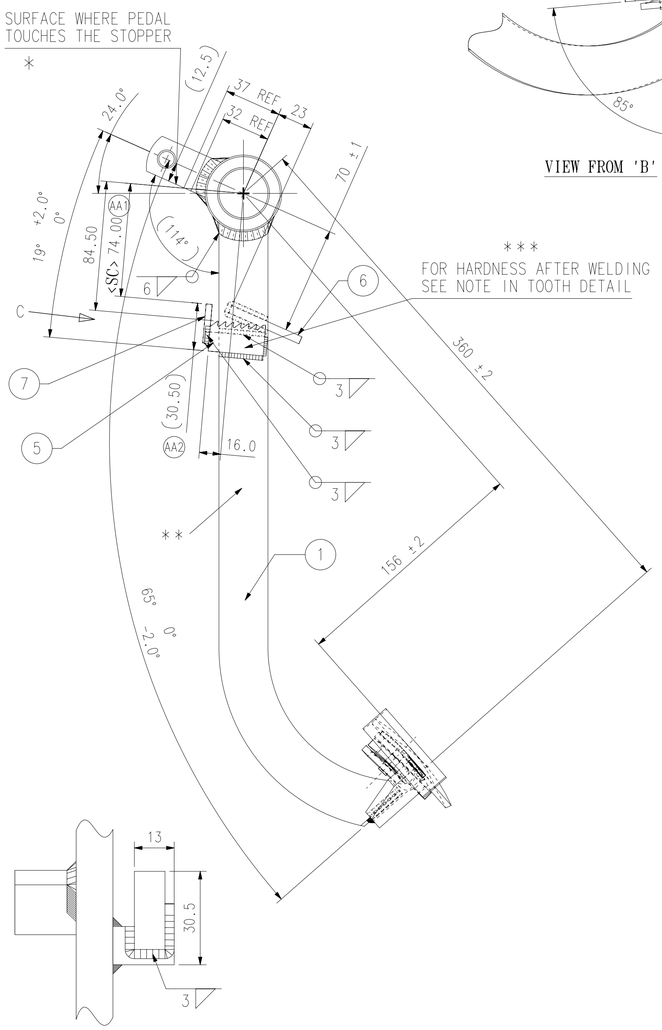
THIS DRAWING IS A SOLE PROPERTY OF M & M ltd. IT SHOULD NOT BE REPRODUCED IN ANY FORM OR BY ANY MEANS WITHOUT THEIR CONSENT





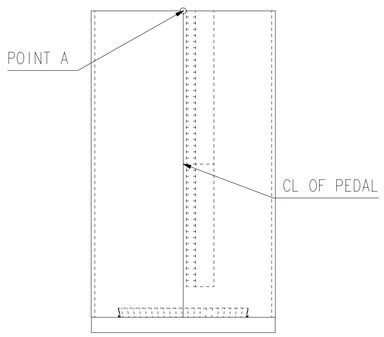


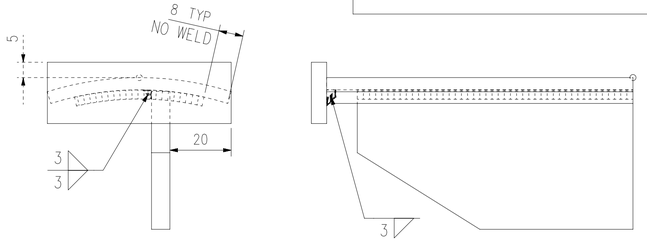
VIEW FROM 'B'



*** FOR HARDNESS AFTER WELDING SEE NOTE IN TOOTH DETAIL

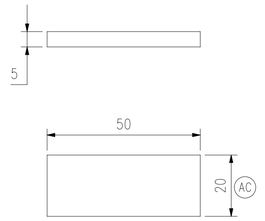
AB VIEW FROM 'C'



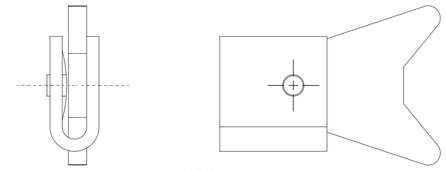


PART 2

(REFER DRAWING:- 008033000U91 FOR PART DETAILS)



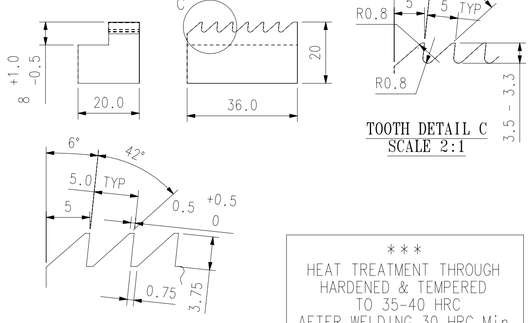
PART 6



PART 4

(REFER DRAWING:- 008032990U91 FOR PART DETAILS)

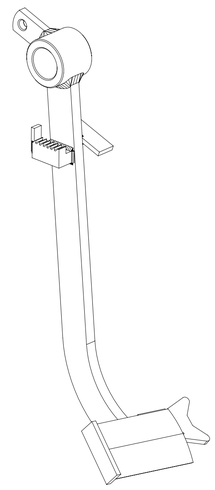
PART 5



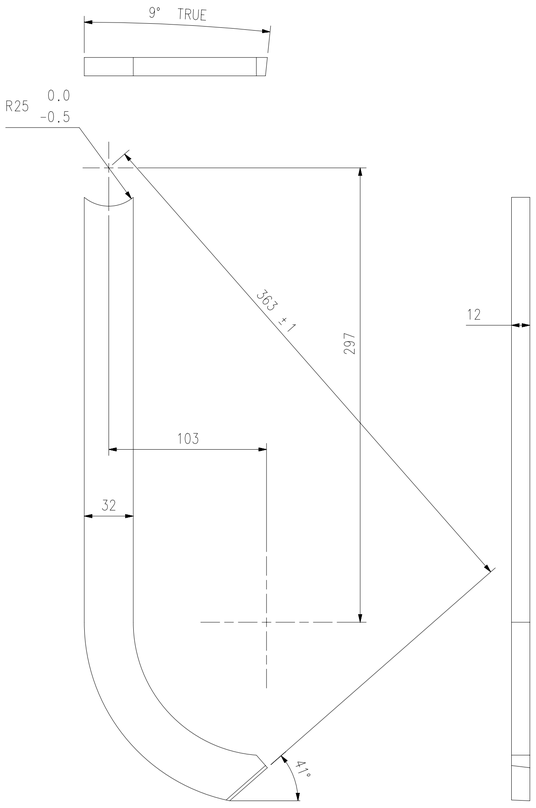
TOOTH DETAIL C
SCALE 2:1

ALTERNATE TOOTH PROFILE

*** HEAT TREATMENT THROUGH HARDENED & TEMPERED TO 35-40 HRC AFTER WELDING 30 HRC Min.



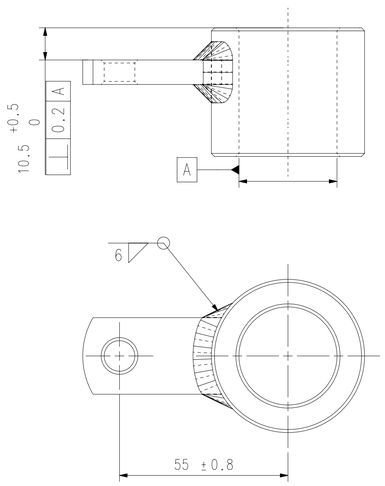
OPTIONAL HEAT TREATMENT : INDUCTION HARDENING & TEMPERING TO 50-55 HRC. CUT OFF HRC 40 CASE DEPTH 3 TO 6mm



PART 1

PART 3

(REFER DRAWING:- 008032987U91 FOR PART DETAILS)



AA3

PART 7

NOTES:
1. WELD SIZE TO BE 3mm UNLESS OTHERWISE SPECIFIED.
2. REMOVE SHARP EDGES
3. FOR WELDING PROCEDURE REFER PS-608.
4. FOR PRIMING REFER PS529 PROCEDURE 1
5. DO NOT PRIME HOLES AND TEETH OF PARTS.
6. PRESS BUSH PART NO.000012770P04 AFTER FINAL WELDING OF THE PEDAL ASSEMBLY. ID OF THE BUSH TO BE MAINTAINED 28 0/-0.05 AFTER PRESSING
7. ** ->1 INCH PATCH OF GREY PAINT TO BE APPLIED ACROSS FOR IDENTIFCATION.
8. * FOR LATCHING WITH RH PEDAL PART TO BE CHECKED AS PER ACCEPTANCE GAUGE & SIMULATION GAUGE AS ACCEPTED BETWEEN M&M AND SUPPLIER.
9. PART IS SAME AS OLD PART NO. E007537379C11 EXCEPT ADDITION OF SR. NO. 7

S. NO.	PART NUMBER	DESCRIPTION	QTY	MATERIAL	WEIGHT (IN Kg)
1	008032996U01	BRAKE LINK	1	FE 410 W AS PER IS-2062	1.279
2	008033000U91	PEDAL ASSY	1	REFER DRAWING	0.41
3	008032987U91	BRAKE PIVOT ASSY	1	REFER DRAWING	0.44
4	008032990U91	BRAKE PEDAL LOCK ASSY	1	REFER DRAWING	0.17
5	008032997U01	RATCHET BRAKE	1	EN8/EN9 AS PER BS 970	0.09
6	008032998U01	STOPPER PLATE	1	FE 410 W AS PER IS-2062	0.04
7	008032999U01	RATCHET STOPPER PLATE	1	FE 410 W AS PER IS-2062	0.01

ER23C0000228	AC	H7	SR.6 UPDATED, DIMN. 20 WAS 18	PRP	NVC	DS	21-11-24
	AB	A1	AUXILARY VIEW FROM 'C' ADDED	AR	NVC	DS	08-04-24
	AA	D1	3.REF. DIM. ADDED	AR	NVC	DS	09-02-24
		E1	2.<SC> DIM. ADDED	AR	NVC	DS	09-02-24
		E9	1.SR.NO.07 PART MODIFIED	AR	NVC	DS	09-02-24
ER/ECN NO	C/L	LOC	REVISIONS	DSR	CKR	APR	DATE

UNSPECIFIED TOLERANCES FOR PART	
FORMING TO FORMING	UPTO 500 ±0.5 ABOVE 500 ±0.8
CD BETWEEN HOLES	IN ONE PLANE ±0.2 IN DIFF PLANES±0.5
FORM TO PIERCE	±0.5
HOLE SIZES	+0.2/-0
SLOT SIZES	±0.8
FLANGE WIDTH	+1.0/-0.7
JOGGLE DEPTH	+0.3/0
UNSPECIFIED TOLERANCES FOR PART & ASSEMBLY	
GENERAL TOLERANCES	UP TO 300 ±0.8 ABOVE 300 ±1.0
ANGULAR TOLERANCE	±1°

SURFACE FINISH SYMBOLS ISO-1302
WELDING SYMBOLS IS813
REMOVE ALL SHARP CORNERS & BURRS
DO NOT SCALE
ALL DIMENSIONS ARE IN mm

MAHINDRA & MAHINDRA LTD.
FARM DIVISION, INDIA

	NAME	DATE
<SC> COUNT : 1		
<CC> COUNT : 0	DSNR	AR 13-03-2018
WEIGHT(kg) : 2.4372	CHKR	NVC 13-03-2018
S/F AREA(cm²): 106.530	APPR	DS 13-03-2018

PROJECT CODE:
ER NUMBER: ER23C0000228
DESCRIPTION : BRAKE PEDAL
MATERIAL: REFER BOM
PART NUMBER : 008033351U91
CL: AC
DWG.SIZE : A1
SCALE : 1:1
SHEET: 1 OF 1

REF PART NO: 007537379C11

BREAK SHARP CORNERS MAY BE EITHER CHAMFER OR RADIUS FROM 0.2 mm MIN. TO 1.0 mm MAX.

CHECK DRAWING WITH LATEST CHANGE No

DO NOT CHANGE MANUALLY